PTO/SB/05 (08-03)
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UTILITY	Attomey Docket No.	1-37213
PATENT APPLICATION	First Inventor	Thomas A. Osborne
TRANSMITTAL	Title	PROSTHETIC VALVE THAT PERMITS
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label	ER 515096777 US
APPLICATION ELEMENTS		Mail Stop Patent Application

APPLICATION ELEMENTS	TRANSMITTAL	Title		PROSTHETIC VALVE THAT PERMITS
Fee Transmittal Form (e.g., PTO/SB/17) Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification Specification Gundard Application See 37 CFR 1.27. Specification Gundard Application Specification Gundard Application Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Boseption of the invention Birlef Description of the Invention Birlef Description of the Drawings (if filed) Detailed Description Clair(s) Detailed Description Total Pages J Abstract of the Disclosure J Drawing(s) (35 U.S.C. 113) Total To	·	Express	Mail Label	ER 515096777 US
Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.736 Applicant claims small entity status. See 37 CFR 1.736 Descriptive title of the invention Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Summary of the Invention Brief Summary of the Invention Claim(s) Detailed Description Claim(s) Detailed Description Claim(s) Detailed Description Total Pages J a.	•	ontents.	/	ADDRESS TO: Commissioner for Patents P. O. Box 1450
Applicant claims small entity status. See 37 CFR 1.27 Specification (If applicable, all recessory) Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure Abstract of the Disclosure V Drawing(s) (35 U.S.C. 113) ITotal	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing	ng)	7.	CD-ROM or CD-R in duplicate, large table or
Descriptive title of the invention Cross Reference to Related Applications	Applicant claims small entity status. See 37 CFR 1.27.	•		otide and/or Amino Acid Sequence Submission
- Descriptive title of the invention - Cross Reference to Sequence Island, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Disclosure - Abstract of the Disclosure - Drawing(s) (35 U.S.C. 113) Total 7 1 2 3 37 CFR 3.73(b) Statement (InSyPTO-1449 Copies of IDS Statement (IDS) PTO-1449 Copies		28]	a.	
Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure	 Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix 		-	i. CD-ROM or CD-R (2 copies); or ii. Paper
Brief Description of the Drawings (if filed) Detailed Description Claim(s) Assignent Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney (when there is an assignee) Power of Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specificably itemized) 15. Goath or Declaration 16. Deletrion OF Inventors(s) 17. Other: 18. Signed statement attached deleting inventor(s) 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the periorization information: 17. Other: 18. Other: 18. Other: 19. Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Or CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the prior application information: Examiner Or CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the prior application information: Examiner Or CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the prior application information: Examiner Or CONTINUING APPLICATION, check appropriate box and supply the requisite information hosts. Prior application information: Part (CIP) Other: 17. Other: 18. Other: 19. CORRESPONDEEN OTHER SONDER SONDER SONDERS OTHER SO	 Background of the Invention 			
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Oath or Declaration a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) b. (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). J Application Data Sheet. See 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Continuation Divisional Continuation-in-part (CIP) Or of prior application information: Examiner Group / Art Unit: Continuation OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied Box (Should be a portion than been inadvertently omitted from the submitted application parts. 17. Correspondence address below O4859 J. Matthew Buchanan 18. Call Pages J. (18)/PTO-1449 Citations Preliminary Amendment 19. Correspondence address below Call Pages II J. (ID) State Zip Code Country Telephone 419 874-1100 Fax 419 874-1130	Drawing(s) (35 II S C 113) Total	7,	11.	
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Name (Print/Type) J. Matthew Bushayan Registration No. (Attorney/Agent) 47,459	Name (Print/Type) J. Matthew Bushapan	// /	7	otrotion No
	Signature / W/SH	` <i>'</i>		Data March 10 2004

This collection of information is required by 37 CFF/1.53(b) The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Complete if Known

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for FY 2004		Filing	Date				•	**
Effective 10/01/2003. Patent fees are subject to annual revisi	on.	First	Named	Inve	ntor Thom	ias A. Osbo	rne	
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The Director is authorized to: (check all that apply)	1804	2,520 920*	1804			•	arte reexamination IR prior to Examine	,
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s)	1004	920"			action		· /	ži
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Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1251	110	2251	55	Extension for r	eply within fir	st month	
FEE CALCULATION	1252	420	2252	210	Extension for r	eply within se	cond month	
1. BASIC FILING FEE	1253	950	2253	475	Extension for r	eply within th	ird month	
Large Entity Small Entity	1254	1,480	2254	740	Extension for r	eply within fo	urth month	
Fee Fee Fee Fee Description	1255	2,010	2255	1,005	Extension for r	eply within fif	th month	
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1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in	support of ar	n appeal	
1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for ora	al hearing		
1004 770 2004 385 Reissue filing fee	1451	1,510	1451	1,510	Petition to insti	tute a public	use proceeding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to reviv	/e - unavoida	ble	
SUBTOTAL (1) (\$) \$770.00	1453	1,330	2453	665	Petition to reviv	/e - unintentio	onal	
2. EXTRA CLAIM FEES FOR UTILITY AND	1501	1,330	2501	665	Utility issue fee	(or reissue)		
Fee from	1502	480	2502	240	Design issue fe	ee .		
Extra Claims below Fee Paid Total Claims 28 -20** = 8 X 18.00 = 144.00	1503	640	2503	320	Plant issue fee			
Independent 5 - 3** = 2 X 86.00 = 177.00	1,460	130	1460	130	Petitions to the	Commission	er	
Claims T72.00 Multiple Dependent =	1807	50	1807	50	Processing fee	under 37 CF	R § 1.17(q)	
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1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submis	sion after fina		
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	(37 CFR § 1.1 For each additi		n to be examined	
1203 290 2203 145 Multiple dependent claim, if not paid		- 1			(37 CFR § 1.1	129(b))		
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**or number previously paid, if greater, For Reissues, see above	*Re	duced b	y Basic	Filing I	Fee Paid	SUBTO	TAL (3) (\$)	
SUBMITTED BY		-	-			Complete (i		
Name (Print/Type) J Matthew Buchanan		Registra (Attorney	ation No.	1	47,459	Telephone	419 874	4-1100
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not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

•	MAILING BY "EXPRESS Osborne, Brian C. Case, Mark		Docket No. 1-37213
Serial No.	Filing Date	Examiner	Group Art Unit
vention: PROSTHET	IC VALVE THAT PERMITS R	ETROGRADE FLOW	
hereby certify that the	e following correspondence:		
Utility Patent Applie	cation		
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	n the United States Postal Serv	rice "Express Mail Post Office to A er for Patents, P.O. Box 1450, Alex	
	n the United States Postal Serv	rice "Express Mail Post Office to A	xandria, VA 22313-1450
	n the United States Postal Serve ope addressed to: Commissione March 10, 2004	rice "Express Mail Post Office to A er for Patents, P.O. Box 1450, Alex Irene Hill (Typed or Printed Name of Person Ma	kandria, VA 22313-1450 iling Correspondence)
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